

**A B S T R A C T**

The present invention provides a new management system and a new method for managing distributed resources (61-66), comprising a workflow engine (88) that can execute management workflows in order to actively control the distributed resources (61-66).

The new management system is characterized in that autonomic Correlation Services (74-76) are introduced that manage different functional parts of the managed system in cooperation with workflow engine (88), whereby each Correlation Service (74-76) employs a Correlation Engine (174,175) and a set of rules (184,185,186) that describe how underlying resources (61-66) shall be managed, whereby a controller (44) communicates with the Correlation Services (74-76).